

Form PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Atty Docket No. 02-103	Serial No. 10/766,297
	Applicant: Wang et al.	
	Filing Date 01/28/04	Group 1621

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
<i>JP</i>	2003/0185721 A1	10/02/03	Wang et al.	422	177	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub-class	Translation	
						Yes	No

OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.

EXAMINER <i>L. Dow</i>	DATE CONSIDERED <i>12/7/05</i>
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Information Disclosure Statement PTO-1449 (Modified)

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	01/28/04	1754

U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub- class	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub- class	Translation	
						Yes	No

OTHER ART	
Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
JP	International Search Report and Written Opinion; Application No. PCT/US2004/042065; mailed June 29, 2005.
EXAMINER	DATE CONSIDERED
J. P. Gu	12/7/05

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	Applicant: Wang et al.	
	Filing Date 01/28/04	Group 1754



U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
LD	6,558,634 B1	05/06/03	Wang et al.	422	173	
LD	2002/0048541 A1	04/25/02	Schodel et al.	422	198	
LD	2003/0116503 A1	06/26/03	Wang et al.	210	660	
LD	2003/0219903 A1	11/27/03	Wang et al.	436	37	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub-class	Translation	
						Yes	No
LD	39 26 466 A1	02/14/91	DE				X
LD	02/064248	08/22/02	WO				

OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
LD	Invitation to Pay Additional Fees and Partial International Search Report for PCT/US2004/042065 mailed April 1, 2005.
EXAMINER	DATE CONSIDERED
J. P. Law	12/17/05

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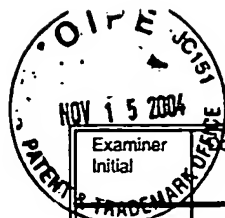
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	01/28/04	1754

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
JP	2004/0156762	08/2004	Schuppich et al.	422	191	
	2004/0144421	07/2004	Parce et al.	137	14	
	2004/0143059	07/2004	Cabrera	524	800	
	2004/0141893	07/2004	Martin	422	198	
	2004/0136902	07/2004	Plath et al.	423	651	
	2004/0132832	07/2004	Espinoza et al.	518	716	
	2004/0131829	07/2004	Joseph et al.	428	166	
	2004/0131507	07/2004	Saitmacher et al.	422	111	
	2004/0131345	07/2004	Kylberg et al.	392	465	
	2004/0130057	07/2004	Mehrabi et al.	264	171.13	
	2004/0127352	07/2004	Jin et al.	502	322	
	2004/0125689	07/2004	Ehrfeld et al.	366	165.1	
	2004/0123626	07/2004	Caze et al.	65	17.2	
	2004/0107831	06/2004	Graham et al.	95	96	
	2004/0104010	06/2004	Kenny et al.	165	80.4	
	6,773,684	08/2004	Lesieur et al.	422	198	
	6,770,245	08/2004	Akporiaye et al.	422	82.12	
	6,769,444	06/2004	Guzman et al.	137	15.01	
	6,764,660	07/2004	Wiede, Jr. et al.	422	198	
	6,756,515	06/2004	Rende et al.	585	444	
	6,756,340	06/2004	Voskoboynikov et al.	502	328	
	6,755,211	08/2004	O'Connor et al.	137	554	
	6,749,817	06/2004	Mulvaney, III	422	200	
	6,749,814	06/2004	Bergh et al.	422	130	
	6,747,178	06/2004	Harston et al.	570	175	
JP	6,746,819	06/2004	Schmitz et al.	430	272.1	



Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
	6,746,651	06/2004	Ponzo et al.	422	220	
	6,675,875	01/2004	Vafai et al.	165	80.4	

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Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub-class	Translation	
						Yes	No
JP	2004/067708	08/2004	WO				
	2004/067492	08/2004	WO			Abs.	
	2004/067444	08/2004	WO				
	2004/067160	06/2004	WO				
	2004/062792	07/2004	WO				
	2004/062791	07/2004	WO				
	2004/062790	07/2004	WO				
	2004/054696	07/2004	WO				
	2004/054013	06/2004	WO				
	2004/052941	06/2004	WO			Abs.	
	2004/052530	06/2004	WO				
	2004/052518	06/2004	WO			Abs.	
	2004/050799	06/2004	WO				
	2004/045760	06/2004	WO			Abs.	
	03/026788	04/2003	WO				
JV	1 311 341 B1	08/2001	EP				X

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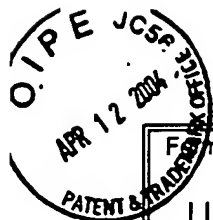
Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
SP	Besser, Ronald S. "New Directions in Reactor Design Through Miniaturization". 9/13/02, Tulane Engineering Forum.
	Ouyang et al. "Flexible Microreactor System for Chemical Research at Moderate and High Temperatures". Stevens Institute of Technology. Date is unknown
EXAMINER	DATE CONSIDERED
D. Pan	12/7/05

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JH	4,392,362	07/12/83	Little	62	514	
	4,516,632	05/14/85	Swift et al.	165	167	
	4,585,798	04/29/86	Beuther et al.	518	715	
	5,036,032	07/30/91	Iglesia et al.	502	260	
	5,309,637	05/10/94	Moriarty	29	890.054	
	5,317,805	07/07/94	Hoopman et al.	29	890.03	
	5,534,328	07/09/96	Ashmead et al.	428	166	
	5,611,214	03/18/97	Wegeng et al.	62	498	
	5,727,618	03/17/98	Mundinger et al.	165	80.4	
	5,733,839	03/31/98	Epinoza et al.	502	336	
	5,811,062	09/22/98	Wegeng et al.	422	129	
	5,858,314	01/12/99	Hsu et al.	422	211	
	6,075,062	07/13/00	Zennaro et al.	518	715	
	6,126,723	10/03/00	Drost et al.	96	4	
	6,129,973	10/10/00	Martin et al.	428	166	
	6,136,868	10/24/00	Culross et al.	518	700	
	6,216,343 B1	04/17/01	Leland et al.	29	890.032	
	6,192,596 B1	02/27/01	Bennett et al.	34	76	
	6,200,536 B1	03/13/01	Tonkovich et al.	422	177	
	6,220,497 B1	04/24/01	Benz et al.	228	118	
	6,230,408 B1	05/15/01	Ehrfeld et al.	29	890.039	
	6,262,131 B1	07/17/01	Arcuri et al.	518	700	
	6,313,393 B1	11/06/01	Drost	136	201	
	6,352,577 B1	03/05/02	Martin et al.	96	4	
JH	6,353,035 B2	03/05/02	Manzer et al.	518	700	

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JP	6,368,997 B2	04/09/02	Herron et al.	502	302	
	6,381,846 B2	05/07/02	Insley et al.	29	890.039	
	6,415,860 B1	07/09/02	Kelly et al.	165	748	
	6,451,864 B1	09/17/02	Wang et al.	518	715	
	6,476,085 B2	11/05/02	Manzer et al.	518	715	
	6,488,838 B1	12/03/02	Tonkovich et al.	208	108	
	6,491,880 B1	12/10/02	Wang et al.	422	211	
	6,537,945 B2	03/25/03	Singleton et al.	502	327	
	6,540,975 B2	04/01/03	Tonkovich et al.	423	659	
	6,558,634 B1	05/06/03	Wang et al.	422	173	
	2002/0028853A1	03/07/02	Manzer et al.	518	713	
	2002/0188031 A1	12/12/02	Kibby	518	715	
JP	2003/0105171 A1	06/05/03	Subramanian et al.	518	715	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Translation	
						Yes	No
JP	97/32687	12/09/97	WO			Abstract	
	98/55812	10/12/98	WO				
	00/06295	10/02/00	WO				
	01/10773 A1	15/02/01	WO				
	01/12312 A2	22/02/01	WO				
	01/54807 A1	02/08/01	WO				
	01/95237 A2	13/12/01	WO				
	03/078052 A1	25/09/03	WO				
	0 904 608 B1	19/12/01	EP				
	01/12753 A1	22/02/01	WO				
	1 362 634 A1	19/11/03	EP				
JP	03/106386 A2	24/12/03	WO				

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Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	Matlosz et al.; "Microreactors as Tools in Chemical Research"; Microreaction Technology; IMPRET 5: Proceedings of the Fifth International Conference on Microreaction Technology.
	Date is unknown

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
SP	Srinivasn et al.; "Micromachined Reactors for Catalytic Partial Oxidation Reactions"; AIChE Journal; November 1997; Vol. 43, No. 11; pp. 3059-3069.
ST	TeGrotenhuis et al.; "Optimizing Microchannel Reactors by Trading-Off Equilibrium and Reaction Kinetics through Temperature Management; Prepared for presentation at IMRET 6 - 6 th International Conference on Microreaction Technology; March 2002.
	Wegeng et al.; "Compact Fuel Processors for Fuel Cell Powered Automobiles Based on Microchannel Technology"; Fuel Cells Bulletin No. 26; pp. 8-13. Date is unknown
SP	Rostami et al.; "Flow and Heat Transfer for Gas Flowing in Microchannels: a Review"; Heat and Mass Transfer 38 (2002) 359-367.
SP	Lekhal et al.; "Impact of Drying on the Catalyst Profile in Supported Impregnation Catalysts"; Chemical Engineering Science 56 (2001); 4473-4487.
SP	Waku et al.; "Effects of O ₂ Concentration on the Rate and Selectivity in Oxidative Dehydrogenation of Ethane Catalyzed by Vanadium Oxide: Implications for O ₂ Staging and Membrane Reactors"; Ind. Eng. Chem. Res., 2003, 42, 5462-5466.

EXAMINER	<i>N. D. Paul</i>	DATE CONSIDERED	<i>12/7/08</i>
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